CLAIMS:

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1.   A method of dynamically generating a user presentation, the

4   method comprising:

in response to a request from an application program, selecting and

6   retrieving at least one of a plurality of rules stored in one or more databases;

executing the rule to retrieve data from the one or more databases;

8   and

generating presentation data based on the data, where the

10   presentation data is for use in the user presentation of the application

program.

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2.   The method according to claim 1, wherein executing the rules

14   comprises executing the rules using rule control information.

3.   The method according to claim 1, wherein executing the rules

16   comprises executing the rules using rule control information including at least

18   one of user information, user group information, location information, and

node information.

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4.   The method according to claim 1, wherein the rules comprise

22   query statements.

24   5.   The method according to claim 1, wherein the rules comprise

Structured Query Language (SQL) statements.

6. Software for use on one or more servers of a computer

2 network, said software executable for:

in response to a first request from an application program, selecting

4 and retrieving at least a first one of a plurality of rules stored in one or more

databases;

6 executing the first ones of the rules to retrieve a first set of data from

the one or more databases;

8 generating first presentation data based on the first set of data, where

the first presentation data is for use in a first user presentation of the

10 application program;

in response to a second request from the application program,

12 selecting and retrieving at least a second one of a plurality of rules stored in

the one or more databases;

14 executing the second ones of the rules to retrieve a second set of data

from the one or more databases; and

16 generating second presentation data based on the second set of data,

where the second presentation data is for use in the second user presentation

18 of the application program.

20 7. The software according to claim 6, wherein executing the rules

comprises executing query statements.

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8. The software according to claim 6, wherein executing the rules

24 comprises executing Structured Query Language (SQL) statements.

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9. Software for use on one or more servers, the software

2 executable for:

in response to a request from an application program, selecting and

4 retrieving at least one of a plurality of rules stored in one or more databases;

executing the rules to retrieve presentation control data from the one

6 or more databases for selection of a subset of a plurality of visual objects

represented by data; and

8 generating presentation data based on the presentation control data,

where the presentation data is for use in a graphical user presentation of the

10 application program.

12 10. Software for use on one or more servers, the software being

executable for:

14 executing a rule to retrieve user data from one or more databases,

using as input at least one of user information, user group information,

16 location information, and node information; and

generating presentation data using the user data.

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11. One or more databases for use with one or more servers in a

20 health care information network, said database storing executable user

presentation rules for use by said server.

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12. The one or more databases according to claim 11, wherein said

24 database stores the executable user presentation rules in association with

client information.

2   13.   The one or more databases according to claim 12, wherein said
client information comprises at least one of client user information, client
4   group information, and client node information.

6   14.   The one or more databases according to any one of claims
11-13, wherein said executable user interface presentation rules comprise
8   database query statements.

10   15.   A computer network, comprising:
one or more servers having software executable for:
12   receiving an instruction from a client through an application
program;
14   selecting and retrieving one or more of a plurality of
presentation rules stored in one or more databases;
16   executing, against the one or more databases, the one or more
presentation rules using rule control data as input, to thereby receive data;
18   generating presentation data based on the data;
sending the presentation data to the client,
20   a client, for
sending the instruction to the server through the application
22   program;
receiving the presentation data; and
24   generating a graphical user interface (GUI) presentation based
on the presentation data.

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16.   The computer network according to claim 15, wherein the
plurality of presentation rules comprise query statements.

17.   The computer network according to claim 15, wherein the
computer application comprises a browser.

18.   A computer health care network, comprising:
one or more databases;
one or more servers having software executable for:
            receiving a request from a client through a computer application
program;
            in response to the request, selecting and retrieving one or more
of a plurality of rules stored in the one or more databases;
            executing, against the one or more databases, the one or more
rules using rule control data as input thereto, thereby receiving data;
            building presentation data in accordance with the data; and
            sending the presentation data to the client for use in a user
presentation in the computer application program.

19.   The computer health care network according to claim 18,
further comprising:
visually displaying, at the client, the user presentation in the computer
application program.

20.   The computer health care network according to claim 18,
wherein the rule control data includes at least one of user data, location data,
and node data.

2   21.   The computer health care network according to claim 18, wherein the rules comprise at least one database query statement.

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      22.   One or more servers comprising software executable for:

6   retrieving one or more rules stored in one or more databases;

      receiving data from the one or more databases by executing the rule

8 with at least one of client user information, client user group information, client location information, and client node information as input;

10   selecting one or more display components based on the data; and

      assembling presentation data based on the selected display

12 components.

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